CUMULATIVE INDEX 1972

Abrams, Stanley (author)	97-101,145-150
Abstracts from other journals	94-96, 182-184, 252-255
"Acceptance Tests for Instruments"	32-35
admissability of polygraph results	1-8, 43-45,73-74,96 176-179,243-246, 247-249,250
alcoholic stupor, crimes committed during	16
amnesia cases	17,20
amplifiers, Stoelting (troubleshooting)	186
Ansley, Norman (author)	108-124,115,116, 180-181,252-255
arrest procedure and polygraph	7
Arther II polygraph	76
Arther, Richard O.	192,199,205
Atwood, Walter F.	78
autonomic responses to self induced thoughts	95
background investigations and polygraph	80-83,208-209
Backster's numerical scoring	195,206
Backster's Polygraph Notepack	180-181
Backster's Zone of Comparison (see also zone)	22-26,138-139, 180-181
Barber, William E.	220
Bagwell, Johnny W.	78
Bailey, F. Lee	43,250
Bailey, F. Lee (author)	180-181
Barland, Gordon H. (author)	22-26,36-39, 192-206,256-262
Bayley, N. (Miss)	153,159
Beardon (examiner)	245,246
Beck, T. R.	52
Belli, Melvin	132,135
behavioral concomitants of GSR	95
Ben-Ishai, Akiva	91
Benussi, V.	64
Berkeley Police Department	65,69,72'
Berrien, F. K.	145,149
bibliographies	36-39,116,134-135, 149-150,159-160, 167-169.205,219-220, 256-262
Biometric CAM (cardio activity monitor)	108-124
blood flow, arterial	109
blood pressure	2,3,156
blood pressure, average	228,232
blood pressure, discontinuous recording	63
blood pressure and GSR in criminal cases	91'
blood pressure, history of recording	50-69
blood pressure, systolic	63-69

Blum, Richard H. 215,220
brain size, change with emotion 53,54
breathing, effect on capillaries 113,255
Bril, Jacques 154
Brilograph (polygraph) 154
Brubaker, Richard 109,116
Bryan, Alice I. 68
Burbank Police Department 211
Burch, G. E. 112,116
Burtt, Harold E. 64,66,152
157,160

"California court admits polygraph evidence" 243-246
CAM (cardio activity monitor) 108-124
CAM amplifier 111,117
CAM diagram, hydraulic and air systems 116
CAM pressure 114,115
CAM reactions 115,119-124
CAM recording capillaries 112-113
Canty, Henry L. (author) 87-91
carbon dioxide tension level 92
card tests (see also stimulation tests) 45,70,86,
238-240
"Cardiac Responses to Self-Induced Thoughts" 95
"Cardio Activity Monitor" (CAM) 108-124
cardioshgmograph and CAM 108-124
cardiosphygmograph, reliability 193-203
cardiosphygmograph, valid measure 148
cardiovascular 24
cases described, hypnosis 19,20
cases described, narcoanalysis 17
cases described, plethysmograph 56,87,90,91
cases described, polygraph 1-7,12-14,56,65,
80-83,85,86,241-
242,243-246,247-250
cases simulated 68,75,145-150,
194-203,224
cases, preparation of defense 180-181
Chappell, M. N. 67
Charney (examiner in Cutler case) 245
chart analysis 43-45,192-206
225-226
Chicago Bar Association Committee on Crim.Law 132-133
Chicago Police Department (1938-1941) 129
Chinese, ancient interest in pulse rate 49
Claparede, Edward 59
Clendening, L. 49,50
"Coding of GSR Data" 161-169
Coles, E. M. 163,168
"Comparison of Control and Non-Control Question" 136-144
confessions 2,6,7,11,13,16,241

control procedures 45,56,70,86
control questions 3,4,136-144
control question technique 3,4,22,86,136-144
cortical control 155
"Court of Appeals Reverses Trial Court Order Admitting Polygraph, U.S. v Zeiger" 250
"Criminal Law Cases 1967-1972 on the Polygraph" 176-179
crime detection laboratory 68,69,70,72
Crosland, H. R. 61,62
Cureton, Edward E. 128,134
Cutler, Raymond (defendant) 243-246

Darrow, Chester W. 66-68,152,155 160,164,167
DeBetham, Bruce Eugene (defendant) 247-250
Decker, Ronald E. (author) 77,108-124,251
Delta College polygraph workshop 30,43
Denver Police Department 216,217
DePasquale, N. 112,116
"Dilemma of Admissibility of Polygraph Evidence" 125-135
Dishlacoff, L. 220
dismissal of charges following polygraph 175,177,178
Doppler system to measure blood flow 109
Drug Atlas (book review) 225
Dulles, Allen comments on polygraph 211

Edelberg, Robert 96,163,167
Edelberg, Robert (abstract) 185
elbow cuff technique 87-91
electrodermal activity - see GSR
electrodermal analysis 161-169,185
"Electrodermal Recovery Rate, Goal Orientation and Aversion" (abstract) 185
electrodes, troubleshooting 185-186
electroencephalogram and respiration 93
"Electroencephalographic and Psychiatric Study of Thirty-Two Insane Murderers" (abstract) 96
Erasistratus (Greek physician) 47,48,49
Erlanger, J. 51
ethnic origin and the GSR 91
examiners trained at the Army school 75
"Experimental Study of Field Techniques in 'Lie Detection" 22-25

facilities for training 76
Fallmer, William F. 31
fear, an element of deception 54,65,66,182
"Federal Polygraph School" 75-79
finger volume 253-255

foreign governments using the polygraph 75
Fox, Dean A. (author) 80-83
Frye v U.S. 293 F 1013 (D.C. Cir 1923) 1,2,43
Fort Gordon (Federal School) 75-79,195,196, 199,223
Funk, Forrest L. III (author) 170-175

Galen (131-201) 52
Galileo's pulsilogium (1581) 49
Galt, Henry 31
Galton, F. 59,60
general question technique 76
Goutink, Edward J. (author) 83-86
goal orientation and aversion - GSR 185
Gooch, Charles D. 220
GSR 24,32,148,151-155 185-186,192-204
GSR amplitude 161-169
GSR analysis and coding 161-169,185
GSR development (history) 66,69
GSR and ethnic origin 91
GSR information in recovery limb (abstract) 95
GSR magnitude of response 253-255
GSR recovery limb 95,185
GSR reaction intensity 254,255
GSR reliability 148,192-206,239
GSR response in silent answer test 182
GSR troubleshooting (Stoelting instruments) 185-186
GSR and word association 62
Guajardo, Hernan (author) 241-242
Gugas, Chris, Sr. (author) 247-250
Gugas, Chris, Sr. 211,212,220

Haney, Kenneth L. (author) 136-144,234-237
Hanscom, C. B. (author) 9-21
Hanscom, C. B. 91,192,205
Harrelson, Leonard H. 30,136,141,181
Harrelson, Mary 30
"Heart Rate Derived from Blood Pressure and other Physiological Signals" (abstract) 95
heart rate and self-induced thoughts 95
Hebrew University 91
Heath, Chester A. 109,116
Heron, William T. 18,20
Highleyman, S. L. 145,150
Hill, W. F. 193,205
"A History of Lie Detection" 46-74,151-160
Holmes, W. D. 193,205
homicide cases 85-86,171-172, 241-242

Horvath, Frank S. (author) 182,193,205
Hovland, C. I. (author) 253-255
Hunter, F. L. 193,205
hydrosphygmograph - see plethysmograph
"Hyperventilation and Hysteria" review 92-93
hypnosis and interrogation 9,19
hysteria 92-93

immunizations, effect on polygraph tests 221-233
"Improving Police Selection with the Polygraph Technique" 207-220
Inbau, Fred 7,73,129,134
inconclusive examinations 4,24,25
"Information Content of Recovery Limb of Electrodermal Response" (abstract) 96
innocence 2,5,6,16,56,57
inspiration-expiration ratio 64,66
Institute for Juvenile Research 67,69,72
"International Registry of Computer Users Among Psychophysiologists" review 252
interrogation techniques 9-21,83-86
Israeli Police 91
Investigation and Preparation of Criminal Cases, Federal and State, book review 180-181

"Judicial Recognition of the Polygraph Technique" 1-8
Jung, C. G. 59,61,152,159
juvenile delinquents polygraphed (1936) 72

Kahn, S. David 251
Kalamazoo Police Department screening 80-83,213-215
Kaplan, Adria G. 126-134
Keeler, Leonarde 28-29,69-72,154
Keeler polygraph instruments 22,28,70,71(photo) 76,87-91
Keeler Polygraph Institute 27-31,136,137
Keeler Polygraph Institute Training Guide 234,235
Kelley, W. R. (author) 161-169
Kenyon, Omar Q. 31
Kiesow, F. 55,56
Koffler, Joseph H. 130,131,134
Krassner, Kenneth (author) 83-86
Kubis, Joseph F. 193,205
Kugelmas, Sol 91,100
kymograph, testing for acceptance 35

Lacey, B. C. 164,166,168
Lacey, J. I. 164,166,168
Lacey's ALS scores 165
Landis, C. 62,66
Larson, John A. 65,66,72
Larson polygraph 65

Lazaros v Michigan 181
Lee, Clarence D. 72
Lee polygraph (Berkeley Psychograph) 72
"Legal Aspects of the Polygraph" bibliography 36-39
L. E. Publishers 176-179
Levitt, Eugene E. 130,134,145,150
Lewis, Melvin B. 31
L'Homme Criminal (Lombroso, C. 1895) 56
liars, classification of 58,60,61
licensing of polygraph examiners (states) 4,8,30,31
Lieblich, Israel 91
Lie Dectector Test (Marston, W. 1938) 63
Lindberg, George 136,141
Lombroso, Cesare 52,55-57
Lowry, Thomas P. 92-93
Luria, A. R. (1923) 157
Lykken, D. T. 145,150

"Magnitude of Galvanic and Vasomotor Responses as a Function of Stimulus Intensity" (abstract) 253-255
Marcy, Lynn P. 181
Marston, William M. 51,62-66,152,159
Marston's systolic blood pressure test (1923) 1,2,43
Martin, I. 164,168
McCormick, Charles T. 73,126,131,134
metrazol for narcoanalysis 16
Mexico, polygraph case in 241-242
mhos (GSR conductance) 163
Micena, John (author) 83-86
Miller, Allen (Judge in Cutler case) 243-246
Miller, Lewis C. 109,116
Minnesota, University of - polygraph 9-21
Miranda warning and polygraph cases 177,179
"Modern Interrogation Techniques" 9-21
Montague, J. D. 163,168
Moree, James E. Sr. 77
Moroney, W. F. 193,205
morphine for narcoanalysis 15
Mosso, A. 52-57
Munsterberg, Hugo 51,60,63,156
murder 1,7,12-14,241-242,96
"Murderer Confesses After Polygraph Examination, A Case in Mexico 241-242
murderers and EEG 96

narcoanalysis 9,14-18
Narco Bio-Systems polygraph 116
Nassau County Police team testing 83-86
National Training Center of Lie Detection 84,86
Nedrud the Criminal Law 176-179
Nedrud, Duane R. (author) 176-179

Newman, Joel S. 109,116
numerical scoring of charts 194-202,206

Oberto, Marguerite D. (author) 176-179
On the Witness Stand (Munsterberg, H.) 51,156
"Organizational DSGS and Depot Maintenance Manual
Lie Detector, Recording AN/USS-2E" 32
Orlando Police Department 212
Orlansky, J. 149,150

Pathometer (Summers GSR instrument) 153
Patrizi-Mosso hydrophygmograph glove 57
peak of tension 56,76
perspiration and GSR 151
picrotoxin for narcoanalysis 16
physical evidence 180-181
plethysmograph 193, 253-255
plethysmograph, history of 53-57,62
plethysmograph, photoelectric 112-114
pneumograph 32,33,
pneumograph, history of 64,66,69
pneumograph, reliability 193-203
pneumograph tube repair 251
pneumograph, validity 148
Poisenille's hemodynomometer 50
police personnel selection with polygraph 80-83,207-220
police use of polygraph in Los Angeles 170-175
polygraph, Bar Association study 132-133
polygraph cases in state and federal courts 176-179
polygraph charts, examples 88-91
polygraph costs and savings 80,173,175
polygraph errors 129,130,133
polygraph examinations, information obtained 81-83,85,242
polygraph examiner, qualified as expert 177
polygraph instruments 76, 87-91,153
polygraph instruments, early models 154,157, 71
polygraph, laboratory research problems 145-150
polygraph, reference to test in testimony 176-179
polygraph results, legal discovery 179
polygraph technique, I-R 136-144
polygraph technique, zone of comparison 138,139,148,180
polygraph techniques compared 136-144
"Polygraph: Laboratory vs Field Research" 145-150
"Polygraph Operations in the Los Angeles
Police Department" 170-175
"Polygraph Revisited: An Argument for Admissibility" 96
"Polygraph Silent Answer Test" (abstract) 182
Ponticelli, Theodore P. 78
pre-test interview 3,12,23,143,222,223
psychogalvanometer (see also GSR) 151-155

pulse rate, average 228,233
pulse rate, effect of breathing 94
pulse rate, indicator of deceit 47-50,62,63,69
pulse rate from new plethysmograph 95, 113
pulse rate and self-induced thoughts 94

question formulation 3,12
"Question Spacing" 234-237

Rabkin, Richard 93
radial artery, CAM instrument 109-124
Raskin, David C. (author) 22-26
reactions 3,4,43-45,234-237
reaction time 61,62,234-237
recovery limb of GSR 95
Reid Control Question Technique 182
Reid, John E. (author) 1-8
Reid, John E. 129,148,181,182
193,205
reliability of the polygraph technique 97-101,192-206
"Reliability of Polygraph Chart Evaluations" 192-206
"Repairing the Stoelting Pneumograph Attachment" 251
resistance decade for testing instruments 32,34
respiration 2,3,24,94
respiration, effect on heart rate 94, 55
respiration and EEG 93
respiration and GSR 255
respiration and hyperventilation 92-93
respiration rate, average 226,227,231
Riesen, A. H. 253-255
"Role of Opinion in Polygraph Testing" 43
Romig, Clarence H. A. (author) 125-135,207-220
Rothblatt, Henry B. 180-181
Rouke, F. L. 192,205
Ruckmick, C. A. 64
Ruby, Jack 5

Scheve, William J. Jr. (author) 221-233
Schwartz, Gary E. 95
scientific studies on validity of polygraph 256-262
scopolamine 15
scoring of charts for analysis 22-26,194-204
screening cases, police applicants 80-83
Sevilla, Charles (Federal Public Defender) 247
Shaugnessy, R. B. 220
silent answer test 182
simulated crimes, the problem 145-150,194
skin conductance 95
skin resistance (see also GSR) 95,163,185
skin resistance analysis 161-169,185
sodium pentothal 15,16
"Some Observations on the DeBetham Case 247-250
Southwest Research Institute 108,109

specific reactions 43-45
sphygmograph - see cardiosphygmograph
sphygmomanometer, history of 50,53-68
Sroufe, L. Alan 94
Stein, Allan E. (author) 75-79,108-124
stimulation tests evaluated in experiment 22-26, 238-240
stimulus types for GSR experiment 161,162
stipulation on admissability 74
Stoelting Company 108,110,185-186
Streeter, Jack 132,135
stress, reaction to 91
Swint, Emmett B. Jr. 251
systolic blood pressure test 51

Tank, Homer C. 77
team review of charts 202
"Team Testing Technique" 83
testing instruments for acceptance 32-35
thoughts, self-induced and cardiac response 95
tonometry system to measure blood flow 109
Tosetti case (by C. Lombroso) 56,57
training of examiners 27-31,75-79
transducer, pressure 95
"Troubleshooting a Stoelting GSR System" 185-186
Trovillo, Paul (author) 46-73,151-160
Trovillo, Paul V. 145,149
"truth serum" - see narcoanalysis
typhoid immunizations, effect on polygraph tests 221-233

ultrasonic doppler shift-blood flow 109
U. S. Army Intelligence Service tests (1917) 152
U. S. Army Military Police School 110, 75-79
U. S. National Technical Information Service 91

validity 43,64,68,72,75, 145,148,153,155
"Validity of the Polygraph-A Bibliography 97-101
vasomotor responses 253-255
voice, tenor (c.1927) 158

Wagman, Althea M. I. (author) 92-93
Weir, Raymond J.,Jr. (author) 43
Wicker, William 126,131,132,134
Wigmore, J. H. 6,7,51,61,73
word association 58-62,152
Worthen, David M. 109,116

Yankee, William J. 30,181

Zeiger, Erroll (defendant) 250
zone of comparison technique (see also Backster) 23,76